

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

US Aluminum (FL) - Division of CR Laurence Company, Inc.

7500 N.W. 69 Avenue

Miami, FL 33166

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "BAL-350" Single Outswing Aluminum Entrance Door - S.M.I.

APPROVAL DOCUMENT: Drawing No. W04-85 Rev D, titled "Series 'BAL-350' Alum. Out-Swing Door (S.M.I.)", sheets 1 through 5 of 5, dated 10/17/05 and last revised on FEB 10, 2016, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Small Missile Impact Resistant

LIMITATION:

- 1. This door with frame can be installed in Miami-Dade approved US Aluminum Division of CR Laurence Company, Inc. storefront system having current NOA, such installation to be reviewed by AHJ. Lower design pressure of the door, transom or storefront shall control for entire assembly.
- 2. Units are rated to maximum design pressure DP= +/- 100 psf with the frame jamb item no. 2 (5"x1").

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises & renews NOA# 12-0405.09 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No. 15-0619.02 Expiration Date: February 11, 2017 Approval Date: February 11, 2016

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. DRAWINGS (Submitted under file referenced below)
 - 1. Manufacturer's die drawings and sections.
 - 2. Drawing No. **W04–85 Rev D**, titled "Series 'BAL–350' Alum. Out-Swing Door (S.M.I.)", sheets 1 through 5 of 5, dated 10/17/05 and last revised on FEB 10, 2016, prepared by Al–Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
- B. TESTS (Submitted under files #12-0405.08/#10-1102.01/# 09-0413.02)
 - 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with marked-up drawings and installation diagram of aluminum outswing entrance doors, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. Test Reports No. FTL-4595, dated 04/18/05 and FTL-4256, dated 07/20/04, both signed & sealed by Edmundo Largaespada, P. E.

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC-2014 (5th Edition), prepared by Al Farooq Corporation, dated 06/12/15 and last revised on FEB 04, 2016, signed and sealed by Javad Ahmad, P.E.
- 2. Glazing complies w/ ASTME-1300-02, -04 &-09.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 12–1231.08 issued to Eastman Chemical Company (MA) (former Solutia, Inc.) for the "Saflex CP: Saflex HP Composite glass interlayer w/ PETcore", expiring on 12/11/18.
- 2. Notice of Acceptance No. 14-0916.10 issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for "Kuraray Butacite PVB Interlayer", expiring on 12/11/16.
- F. STATEMENTS (items 3 & 4 submitted under file #12-0405.09)
 - 1. Statement letter of conformance to FBC 2014 (5th Edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated June 04, 2015, signed and sealed by Javad Ahmad, P.E.
 - 2. Statement letter of Lab compliance, as a part of above referenced test reports.
 - 3. Asset purchase agreement between CRL Impact Doors, Inc. and Vidco Industries, Inc., dated 12/17/10, signed by Mr. Lloyd W. Talbert and Mr. Jesus Martinez.
 - 4. Statement letter dated 03/19/07 issued by Delta Doors, clarifying legal name as "Vidco Industries dba Delta Doors Mfg., Co.", signed by Melisa Martinez.

G. OTHER

- 1. This NOA revises & renews NOA # 12-0405.09, expired on 02/11/17.
- 2. Conditional one year approval, subjected to verification test.
- 3. Test proposals # 02-0472 & # 06-0182, issued by BCCO.

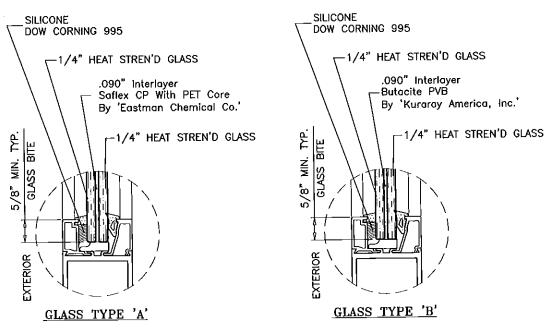
Ishaq I. Chanda, P.E.

Product Control Examiner NOA No. 15-0619.02

Expiration Date: February 11, 2017 Approval Date: February 11, 2016

NOMINAL DIMS.		DESIGN LOAD	CAPACITY-PSF
LEAF HEIGHT INCHES	LEAF WIDTH INCHES	EXT.(+)	INT.(-)
80	24	120.0	120.0
	30	120.0	120.0
	36	116.7	116.7
	42	100.0	100.0
84	24	120.0	120.0
	30	120.0	120.0
	36	116.7	116.7
	42	100.0	100.0
90	24	120.0	120.0
	30	120.0	120.0
	36	116.7	116.7
	42	100.0	100.0
96	24	120.0	120.0
	30	120.0	120.0
	36	115.7	115.7
	42	100.0	100.0
102	24	120.0	120.0
	30	120.0	120.0
	36	114.1	114.1
	42	100.0	100.0
108	24	120.0	120.0
	30	120.0	120.0
	36	112.8	112.8
	42	100.0	100.0

GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219



GLAZING OPTIONS

SERIES BAL-350

ALUMINUM OUT-SWING ENTRANCE DOOR

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2014 (5TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONÉ (HVHZ).

1BY OR 2BY WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

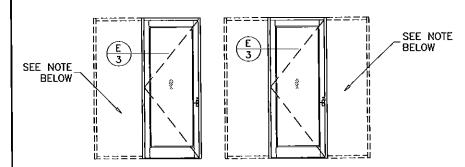
ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2014 FLORIDA BUILDING CODE.



BALCONY DOOR CAN BE USED WITH SIDELITES. FOR LIMITATIONS SEE SEPARATE MIAMI-DADE COUNTY US ALUMINUM STOREFRONT NOA.

GLASS D.L.O. DIMS.

D.L.O. HEIGHT = FRAME HEIGHT - 17.125" D.L.O. WIDTH = FRAME WIDTH - 13

THIS PRODUCT RATED FOR SMALL MISSILE IMPACT.

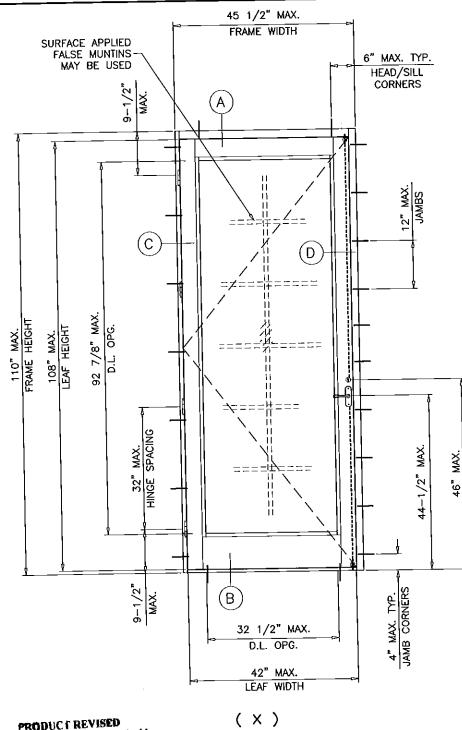
MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS

SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE

REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE

FRAME HEIGHT = LEAF HEIGHT + 2"

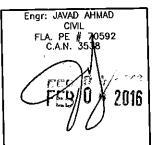
FRAME WIDTH = LEAF WIDTH + 3.50"



PRODUCT REVISED as complying with the Florida Institute Code
Acceptance No 15-0619-02
Expiration Date FEB 11, 2017

TYPICAL ELEVATION

LAMINATED GLASS SMALL MISSILE IMPACT



é 2 4 8 0 ₽ 1 1/2"=1 HAMID 瓷 Ą. drawing no. W04 - 85

sheet 1 of 5

US Aluminum
Division Of C.R. Laurence (7500 N.W. 69TH AVE.
MIAMI, FL 33166

AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33473

